



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4735-1

Job Sheet 185203



Part No: D4735-1

Job Qty: 9 ea

Part Name: Scuff Plate



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 1/31/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG REV A IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	9 pcs	1/31/19	1/31/19	0.00	0.00	Purchasing		JAN 29 2019
110	Packaging	9 pcs	1/31/19	1/31/19	0.00	0.00	Packaging2		JAN 29 2019
120	QC	9 pcs	1/31/19	1/31/19	0.00	0.00	QC6		JAN 29 2019
130	Packaging	9 pcs	1/31/19	1/31/19	0.00	0.00	Packaging3-2		JAN 29 2019
140	QC21-SA	9 Ea	1/31/19	1/31/19	0.00	0.00	QC21		JAN 29 2019

PO Details

GFI (gfi001-vc)



PO No: PO041432
Line No: 6

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4735-1P	Scuff Plate	9 pcs (1 ea)	100-Purchasing	S149085

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D4735-1P	9	0	0



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S149086



Part: D4735-1

Job No: 185203

Serial No/Batch: S149086

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/29/19

Specifications

Specifications could not be found.

Plex 1/29/19 2:41 PM dart.tsimiklis.chrisoula



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4735-1
Job Sheet 185203



See Reprint

Part No: D4735-1

Job Qty: 10 ea

Part Name: Scuff Plate



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 1/31/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG REV A IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	10 pcs		1/31/19	0.00	0.00	Purchasing		
110	Packaging	10 pcs		1/31/19	0.00	0.00	Packaging2		
120	QC	10 pcs		1/31/19	0.00	0.00	QC6		
130	Packaging	10 pcs		1/31/19	0.00	0.00	Packaging3-2		
140	QC21-SA	10 Ea		1/31/19	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4735-1P	Scuff Plate	10 pcs (1 ea)	100-Purchasing	

PO041432 x 10 CT OCT 24 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D4735-1P	10	0	0

Part Specifications

Specifications could not be found.

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8 7 6 5 4 3 2 1

D

C

B

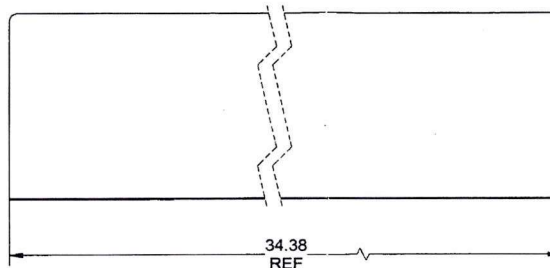
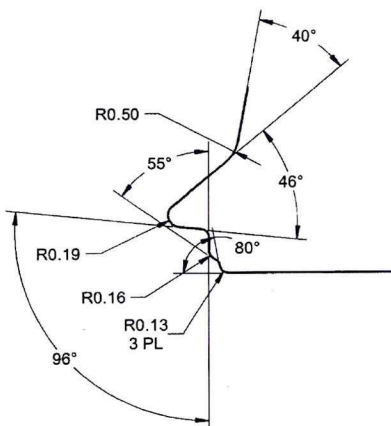
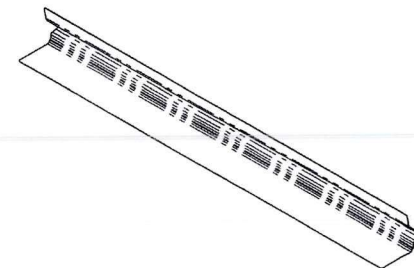
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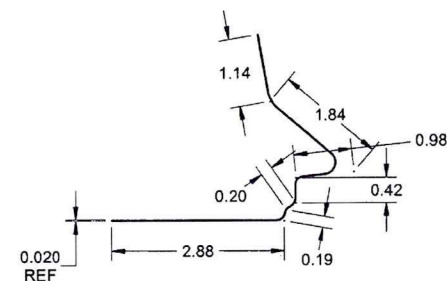
C

B

A



D4735-1 SCUFF PLATE



RELEASED
13.01.04
ECN 12-696

- NOTES:
- 1) MATERIAL: MAKE FROM D4735-1F FLAT PATTERN
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.40 lbs

A NEW ISSUE		RF	12.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4735	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SCUFF PLATE	NTS
DATE	12.11.01	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

8 7 6 5 4 3 2 1



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041432



Supplier: GFI001-VC
ABB Installation Products Ltd.
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041432
PO Date: 10/24/18
Due Date: 1/31/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	185203	D4735-1P			Scuff Plate : Various STC's	Filed 2-88 QX		1/31/19 JAN 29 2019	9 pcs	0 pcs	9 pcs	\$126.00/pcs	\$1,134.00

Grand Total: \$1,134.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Plex 1/29/19 2:41 PM dart.tsimiklis.chrisoula



ABB PRODUITS D'INSTALLATION LTÉE
ABB INSTALLATION PRODUCTS LTD.
180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

REGISTERED
TO
AS9100D
ISO 9001:2015
ISO 14001:2015
OHSAS
18001:2007

BON DE LIVRAISON /SHIPPING MEMO

DATE DE LIVRAISON/SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO. - MO.	AN. - YR		
24	01	19	0634984	1/1



VENDU À /SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À /SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA
DART	GFI-0299	PO041432	X

QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.	DESCRIPTION
9	D4735-1P	SCUFF PLATE ITEM 6 C OF C REQ'D
0325629-001 0319720-001 MFG. JOB# 0358016-001 QTY 1 pc DUE DATE: 31 January 2019 1 pc 1 pc 7 pcs 8 CONTRÔLE QUALITÉ AS9100D / ISO 9001:2015		

EXPÉDITEUR
SHIPPER

REÇU PAR /RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	13	OUR JOB NO	0358016-001	SHIPPING MEMO	0634984	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
6	9 PCS	PO041432	D4735-1P	A	SCUFF PLATE	A
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
AMS 5513 304		TW METALS/ NORTH AMERICAN STAINLESS		H/N X5M1 AND 453T		

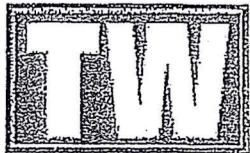
	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER 0325629-001 (1 PC), 0319720-001 (1 PC) AND 0358016-001 (7 PCS)	GFI	
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 25 JANUARY 2019

G.F.I. Q.C. REP.

Signature



METALS
O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name: GFI Inc.
Purchase Order No.: 0087217
Item number: 0001 Shipper/Invoice No.: 12104383
Material: 304 Manufacturing Mill: NAS
Specification: AISI 304 Heat / Lot No. X5M1
Size: 020 Quantity: 2pc5
Signature: Joice Clark Date: 2/4/16





METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 130835 01

Mail To:

Ship To:

Date: 1/12/2016

Page: 1

Customer: 0018 001

UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015

UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015

Steel: 302/304/304L

Finish: 2B

Corrosion: ASTM A262/14; 180Bend-OK

Your Order: 01028072

NAS Order: AN 0682138 01

PRODUCT DESCRIPTION:

S/S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
ASTM A240/15a, A480/14b, A666/15; ASME SA240/13, SA480/13, SA666/13
CHEM ONLY ON FOLLOWING ASTM: A276/13, A479/13a, A484/13a, A312/13
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
AMS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
NACE MR0175/ISO 15156-3:2009 A, MR0103/07; QQ8766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID	Supplier ID	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
05X5M1 A	* 05X5M1	.0200	48.0000	24,630	COIL	7501.8	3	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical analysis per ASTM A751/08

HEAT Supplier#	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
X5M1 X5M1	US	.0229	18.0010	.4390	1.7395	.4680	.0760	8.0125	.0290	.0010
Lab Check:		.0226	17.8460	.4590	1.7480	.4600	.0755	8.0260	.0260	.0025
SI %		.3140								
Lab Check:		.2510								

MECHANICAL PROPERTIES

Product Id	Supplier Id	1 d o i c r	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	Tail Hard	Grain No.	D Fer F.N.	Hard R45T R45T
05X5M1 A	05X5M1	F T	99.17	54.59	53.22	56.50	10.00	3.29	58.50

UPMQC
Review/Approved
Specs: ALL
By: *[Signature]* Date: 1-15-16
#Pages: 2

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

1/12/2016

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following.

Size: 48.000 X 96.000

P.O.: D12016941

Part#: NORTH AMERICAN

STAINLESS

Sales #: 01268105

Quantity: 2

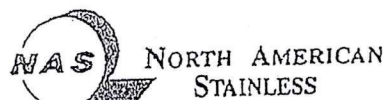
Description: 304/304L .018-.022 AMS5513/5511

Customer: GFI, Incorporated

Shipped: 03/07/2016

Heat: X5M1

Irina Garrett



METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 130835 01
Customer: 0018 001
Mail To:
UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015

Ship To:
UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015

Date: 1/12/2016 Page: 2

Steel: 302/304/304L

Finish: 2B

Corrosion: ASTM A262/14; 180Bend-OK

Your Order: 01028072

NAS Order: AN 0682138 01

PRODUCT DESCRIPTION:

S/S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
ASTM A240/15a, A480/14b, A666/15; ASME SA240/13, SA480/13, SA666/13
CHEM ONLY ON FOLLOWING ASTM: A276/13, A479/13a, A484/13a, A312/13
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
AMS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
NACE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID	Supplier ID	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
05X5M1 B	* 05X5M1	.0200	48.0000	24,280	COIL	7395.2	2	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical analysis per ASTM A751/08

HEAT Supplier#	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
X5M1 X5M1	US	.0229	18.0010	.4390	1.7395	.4680	.0760	8.0125	.0290	.0010
Lab Check:		.0226	17.8460	.4590	1.7480	.4600	.0755	8.0260	.0260	.0025
SI %										
Lab Check:			.3140							
			.2510							

MECHANICAL PROPERTIES

Product Id	Supplier Id	1 d o i c r	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Tail Hard	Grain No.	D Fer F.N.	Hard R45T R45T
05X5M1 B	05X5M1	F T	99.17	54.59	53.22	56.50	10.00	3.29	58.50



NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

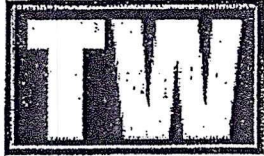
1/12/2016

UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in
our files the material shipped on your purchase order
conforms to the following.

Size: 48.000 X 96.000
P.O.: D12016941
Part: NORTH AMERICAN
STAINLESS
Sales #: D1268105
Quantity: 2

Description: 304/304L .018-.022 AMS5513/5511
Customer: GFI, Incorporated
Shipped: 03/07/2016
Heat: X5M1

Irina Garrett



TW METALS

O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

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MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name:

GFL Inc

Purchase Order No.:

0089780

Item number:

0001

Shipper/Invoice No.:

12107809

Material:

304

Manufacturing Mill:

NAS

Specification:

AMS 5513

Heat / Lot No.

453T

Size:

020

Quantity:

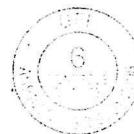
1pc

Signature:

Jane Clark

Date:

8/23/11



United Performance Metals

Paul Isaacs
Quality Associate

Customer Name: TW Metals - NY

Customer PO: D12017955

UPM Sales Order: 640809

Date: 23/08/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 453T

Ingot: 03453T BB

Width: 48.0000 Length: 120.0000

Size: .0200

Customer P/N:

Packing List Number: 36098-1

Quantity: 33 lb. 1 pc.



METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 308745 02 Mail To: Ship To: Date: 7/04/2017 Page: 1
 UNITED PERFORMANCE METALS
 3475 SYMMES ROAD
 HAMILTON, OH 45015
 Customer: 0018 001 Steel: 302/304/304L
 Finish: 2B

Our Order: CIN-27060-PO9

NAS Order: AN 0755915 01

Corrosion: ASTM A262/15;180Bend-OK

PRODUCT DESCRIPTION:

1/8 COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
 3/16 A240/16a, A480/16b, A666/15; ASME SA240/15, SA480/15, SA666/15
 ITEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
 ITEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
 AS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
 ACE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS766D-A X MAG PERM
 IN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
 EN 10204:2004 3.1; RoHS 1 & 2 Compliant
 Material is Free of Radioactive Contamination
 Steel Making Process: EAF, AOD, & Cont. Casting
 Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
 *Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
03453T BA	* 03453T BA	.0200	48.0000	27,610	COIL	8590.3	1	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
453T	US	.0166	18.2315	.4555	1.8120	.3575	.0760	8.2405	.0325	.0029
SI %										
.3150										

MECHANICAL PROPERTIES

Product ID #	Coil #	1 d o i c r	UTS KSI	20C .2% YS KSI	ELONG % -2"	Tail Hard	Grain No.	D Fer F.N.	Hard R45T R45T
03453T BA	03453T BA	F T	91.36	48.48	58.69	56.50	9.50	3.40	54.50

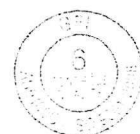
UPMQC
 Reviewed/Approved by QC
 Reviewed Specification(s):
 ALL
 Checked by: *[Signature]*
 Pages: 2 Date: 7/5/2017

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

 Technical
 Dept. Mgr.

KRIS LARK

7/04/2017



United Performance Metals

Paul Isaacs
Quality Associate

Customer Name: TW Metals - NY

Customer PO: D12017955

UPM Sales Order: 640809

Date: 23/08/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 453T

Ingot: 03453T BB

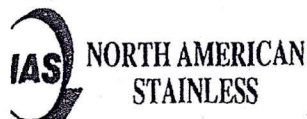
Width: 48.0000 Length: 120.0000

Size: .0200

Customer P/N:

Packing List Number: 36098-1

Quantity: 33 lb. 1 pc.



METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 308745 02 Mail To: UNITED PERFORMANCE METALS Ship To: UNITED PERFORMANCE METALS Date: 7/04/2017 Page: 2
 Customer: 0018 001 3475 SYMMES ROAD 3475 SYMMES ROAD
 HAMILTON, OH 45015 HAMILTON, OH 45015
 Steel: 302/304/304L
 Finish: 2B

Order: CIN-27060-PO9

NAS Order: AN 0755915 01

Corrosion: ASTM A262/15;180B and -OK

PRODUCT DESCRIPTION:

'S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
 FTH A240/16a, A480/16b, A666/15; ASME SA240/15, SA480/15, SA666/15
 ITEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
 ITEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
 IS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
 ICE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS766D-A X MAG PERM
 N. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
 EN 10204:2004 3.1; RoHS 1 & 2 Compliant
 Material is Free of Radioactive Contamination
 Steel Making Process: EAF, AOD, & Cont. Casting
 Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
 *Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
03453T BB	* 03453T BB	.0200	48.0000	24,540	COIL	7635.2	2	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
453T	US	.0166	18.2315	.4555	1.8120	.3575	.0760	8.2405	.0325	.0029
SI %										
.3150										

MECHANICAL PROPERTIES

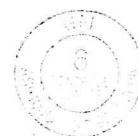
Product ID #	Coil #	1 d o i c r	UTS KSI	20C .2% YS KSI	20C ELONG % -2"	Tail Hard	Grain No.	D Per F.N.	Hard R45T R45T
03453T BB	03453T BB	F T	91.36	48.48	58.69	56.50	9.50	3.40	54.50

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

 Technical
 Dept. Mgr.

KRIS LARK

7/04/2017





Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041432**

Supplier: GFI001-VC
ABB Installation Products Ltd.
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

PO No: PO041432

PO Date: 10/24/18

Due Date: 1/31/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185197	D3628-3P			Cupped Washer : Various STC's As Per Dwg D3628 Rev. C	Firmed	-	1/31/19	250 pcs	0 pcs	250 pcs	\$2.67/pcs	\$667.50
2	185198	D3602-1P			Angle : Various STC's As Per Dwg D3602 Rev. B	Firmed	-	1/31/19	25 pcs	0 pcs	25 pcs	\$70.00/pcs	\$1,750.00
3	185200	D3628-1P			Cupped Washer : Various STC's As Per Dwg D3628 Rev. C	Firmed	-	1/31/19	250 pcs	0 pcs	250 pcs	2.72	\$604.00
4	185201	D3484-041P			Tail Light Fairing : Various STC's As Per Dwg D3484 Rev.F	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	356.00	\$5,863.00
5	185202	D3484-042P			Tail Light Fairing : Various STC's As Per Dwg D3484 Rev. F	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$356.00/pcs	\$3,560.00
6	185203	D4735-1P			Scuff Plate : Various STC's	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	126.00	\$1,005.10
Grand Total:												\$13,449.60	

